

January 30, 1950

Dear Lu:

Enclosed are a group of cultures for lysogenicity study.

Firstly, there are the "Lisbonne-Carrerre" *E. coli* and a susceptible Shiga R. I think this is the same as Gildemeister's "coli 93". It gives beautiful plaques, but that is all I know about it. The Shiga is not apparently susceptible to lambda (K-12 phage).

I have also included W-513, which is a K-12 "mutant" susceptible to lambda, as well as W-1258 which is another coli isolation also susceptible. You must already have a number of K-12 stocks which carry lambda.

I suspect that the Lisbonne-coli/Shiga system would be better for routine phage study; at any rate the plaques are much clearer.

The Lisbonne coli also gives some irregular plaques on W-513. I do not know yet whether this is due to the same phage as acts on Shiga.

See you in Chicago,

Sincerely,

Joshua Lederberg